

INFORMATION DISCLOSURE CITATION

PTO-1449

 ATTY. DOCKET NO.
16904-760

 APPLICATION NO.
10/026,876
To Be Assigned

 TITLE:
Tissue Remodeling Apparatus Containing Cooling Fluid

 APPLICANT
Edward W. Knowlton

 FILING DATE
Herewith 12/20/01

 GROUP 5739
Unknown

 U.S. PAT. & TM. OFF.
10/026,876
12/20/01

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
RWY	RE 32,849	1/89	Wei, et al.	204	192.27	6/2/85
	3,831,604	8/74	Neefe	128	260	9/19/73
	4,074,718	11/78	Morrison	128	303.14	3/17/76
	4,140,130	2/79	Storm, III	128	404	5/31/77
	4,164,226	8/79	Tapper	128	419 R	6/13/77
	4,290,435	8/81	Waggott	128	800	9/7/79
	4,343,301	8/82	Indech	128	24	10/4/79
	4,346,715	8/82	Gammell	128	422	5/13/80

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
RWY	96/34568	11/96	PCT				
	92/19414	11/92	PCT				
	0 519 415	12/92	Europe				
	31 21 683	12/82	Germany				X
	1 949 534	4/70	Germany				X
	2 609 245	7/88	France				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RWY	Allain, et al. "Isometric Tensions Developed During the Hydrothermal Swelling of Rat Skin", Connective Tissue Research, vol 7, pp. 697-701, (1990).
	Danielson, C. "Age-Related thermal stability and susceptibility to proteolysis of rat bone collagen", ...chem, Great Britain, pp. 697-701, (1990).
	Danielson, C. "Thermal stability of reconstituted collagen fibrils, shrinkage characteristics upon in vitro maturation", Mechanisms of Ageing and Development, Vol 15, pp. 269-278, (1981).
	Kronick, et al. "The locations of collagens with different thermal stabilities in fibrils of bovine recticular dermis". Connective Tissue Research, Vol. 18, pp. 123-134, (1988).
	Mainster, M.A. "Ophthalmic applications of infrared lasers - thermal considerations", Visual Sci., pp. 414-420, April 1979.
	Pearce, et al. "Kinetic models of laser-tissue fusion processes", ISA, paper #93-044, pp. 355-360, (1993)..

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
RWJ	4,375,220	5/83 for MS	Matvias	128	804	5/9/80
	4,381,007	4/83	Doss	128	303.1	4/30/81
	4,441,486	4/84	Pounds	128	24	10/27/81
	4,545,368	10/85	Rand, et al.	128	1.3	4/13/83
	4,676,258	6/87	Inokuchi, et al.	128	804	6/5/86
	4,709,701	12/87	Weber	128	422	4/14/86
	4,881,543	11/89	Trembly, et al.	128	303.1	6/28/88
	4,887,614	12/89	Shirakami, et al.	128	798	4/18/89
	4,889,122	12/89	Watmough et al.	128	399	4/11/88
	4,944,302	7/90	Hernandez et al.	128	798	4/18/89

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RWJ	Adrian, R. M. "Treatment of Facial Telangiectasia Using the VersaPulse® Variable Pulse Width Frequency Doubled Neodymium:YAG Laser: A Case Report.
	Chess, C.; Chess, Q. "Cool Laser Optics Treatment of Large Telangiectasia of the Lower Extremities." <i>J. Dermatol Surg Oncol.</i> 1993; 19:74-80.
	Coulson, W. F. et al. "Nonablative Laser Treatment of Facial Rhytides: Animal Study." Abstract for BIOS '98 Symposium Conference: bo05 - Cutaneous Applications of Lasers, 24-30 January 1998, San Jose, CA.
	Kincade, K. "Demand for Laser Resurfacing Soars: Quicker Healing, Less Risk of Scarring" <i>Dermatology Times.</i> 1995. 16(10)
	Fitzpatrick, R. "Treatment of Wrinkles with the UltraPulse CO ₂ Laser."
	Laser Aesthetics, Inc. "The Cool Touch Laser." Brochure.
	Laser Aesthetics, Inc. "Cool Touch Model 130 Technical Specifications." Brochure.
	National Health Communications, Inc. "New Laser Eliminates 'Lipstick Bleed'" Press Release July 1993.

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 101,626,876
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
ROY	4,957,480	9/90	Morenings	604	20	2/2/88
	4,962,761	10/90	Golden	128	400	5/4/89
	4,976,709	10/90	Sand	606	5	6/30/89
	5,003,991	4/91	Takayama, et al.	128	784	3/24/88
	5,133,351	7/92	Masaki	128	419 R	3/14/90
	5,143,063	9/92	Fellner	128	399	2/9/88
	5,186,181	2/93	Franconi, et al.	128	804	7/27/90
	5,190,517	3/93	Zieve, et al.	604	22	6/6/91
	5,230,334	7/93	Klopotek	128	399	1/22/92
	5,249,575	10/93	DiMino, et al.	607	150	10/21/91
	5,282,797	2/94	Chess	606	9	5/28/91
	5,304,169	4/94	Sand	606	5	8/17/92
	5,315,994	5/94	Guibert, et al.	607	101	3/5/93
	5,334,193	8/94	Nardella	606	41	11/13/92
	5,342,357	8/94	Nardella	606	40	11/13/92
	5,348,554	9/94	Imran, et al.	606	41	12/1/92
	5,370,642	12/94	Keller	606	9	8/2/93
	5,374,265	12/94	Sand	606	5	8/6/92
	5,660,836	8/97	Knowlton	424	400	5/5/95
	5,755,753	5/98	Knowlton	607	98	5/5/95

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Roy Gibson</i>	DATE CONSIDERED <i>Mar. 18, 2003</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
16904-760106361870
APPLICATION NO.
To Be AssignedTITLE:
Tissue Remodeling Apparatus Containing Cooling FluidAPPLICANT
Edward W. KnowltonFILING DATE
HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>Roy</i>	5,423,807	6/95	Milder	606	20	1/24/94
	5,423,811	6/95	Imran, et al.	606	41	3/16/94
	5,437,662	8/95	Nardella	606	40	2/17/94
	5,458,596	10/95	Lax, et al.	606	31	5/6/94
	5,462,521	10/95	Brucker, et al.	604	20	12/21/93
	5,464,436	11/95	Smith	607	89	4/28/94
	5,496,312	3/96	Klicek			
	5,507,790	4/96	Weiss			
	5,569,242	10/96	Lax, et al.	606	42	2/16/95
	4,756,310	7/12/88	Bitterly	128	400	
<i>Roy</i>	4,633,875	7/1987	Turner			
	6,139,569	10/2000	Ingle et al.	607	104	
	5,231,997	8/1993	Kikuchi et al.			
	4,140,130	2/1979	Storm, III			
	5,769,879	6/1998	Richards et al.	607	101	
	4,556,070	12/1985	Vaguine et al.			
<i>Roy</i>	5,775,338	7/1998	Hastings	128	898	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>Roy</i>	0 395 307 A2	10/31/90	Europe	A61B	17/36		
	98 05286	2/1998	PCT	A61H	7/00		
<i>Roy</i>	99 08614	2/1999	PCT	A61B	17/39		

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INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
16904-76015/026,870
APPLICATION NO.
To Be AssignedTITLE:
Tissue Remodeling Apparatus Containing Cooling FluidAPPLICANT
Edward W. KnowltonFILING DATE
HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
R. G. J.	5,366,443	11/94	Eggers, et al.			
	5,697,909	12/97	Eggers, et. al.			
	5,697,882	12/97	Eggers, et al.			
	5,697,536	12/97	Eggers, et al.			
	5,697,281	12/97	Eggers, et al.			
	5,693,045	12/97	Eggers			
	5,692,058	11/97	Eggers, et al.			
	5,683,366	11/97	Eggers, et al.			
	5,681,282	10/97	Eggers, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
R. G. J.	266678	12/97	New Zealand				
	98/03220	1/98	PCT				
	68/03117	1/98	PCT				
	97/18768	5/97	PCT				
	97/18765	5/97	PCT				
	96/39914	12/96	PCT				
	96/32051	10/96	PCT				
	96/27327	9/96	PCT				
	96/27240	9/96	PCT				
	94/26228	11/94	PCT				
	93/13816	7/93	PCT				

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INFORMATION DISCLOSURE STATEMENT PTO-1449		ATTY. DOCKET NO.		SERIAL NO. <i>10/026,870</i>			
		APPLICANT <i>Knowlton</i>					
		FILING DATE <i>12/20/01</i>		GROUP: <i>3739</i>			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<i>Roy</i> ↓ <i>Pertinent</i>	5,643,334	07/01/1997	Eckhouse, et al.	607	88	02/07/1995	
	5,655,547	08/12/1997	Karni	128	898	05/15/1996	
	5,776,175	07/07/1998	Eckhouse, et al.	607	100	09/29/1995	
	5,833,612	11/10/1998	Eckhouse, et al.	600	476	02/09/1996	
	5,836,999	11/17/1998	Eckhouse, et al.	607	88	09/28/1995	
	5,964,749	10/12/1999	Eckhouse, et al.	606	9	09/15/1995	
	5,970,983	<i>10</i> 11/26/1999	Karni et al.	128	898	07/31/1997	
	6,162,212	12/19/2000	Kreindel, et al.	606	9	04/19/1999	
	6,387,089	05/14/2002	Kreindel et al.	606	9	05/10/1999	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Roy</i>	02/26147	04/04/2002	PCT	A61B	18/14	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>Roy Gibson</i>		DATE CONSIDERED <i>Mar. 18, 2003</i>					

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GROUP 3700 -3-